

GenCore version 5.1.5  
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OM nucleic - nucleic search, using sw model

Run on: June 1, 2003, 20:21:20 ; Search time 290 Seconds  
(without alignments)  
10377.762 Million cell updates/sec

US-09-625-573-1  
 Title:  
 Perfect score: 2232  
 Sequence: 1 GGATTGAACAAGGACGCATT.....TATAACTATGTTGATAAAAG 2232

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 845702 seqs, 674182571 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1691404

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Minimum DB seq length: 0
Minimum DB seq length: 3000000000
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Post-processing: Listing first 45

Database : Published Applications NA:\*

- 1: /cn2\_6/pdata/1/pubna/pct\_NEW\_PUB\_seq.\*
- 2: /cn2\_6/pdata/1/pubna/pct\_NEW\_PUB\_seq.\*
- 3: /cn2\_6/pdata/1/pubna/US06\_NEW\_PUB\_seq.\*
- 4: /cn2\_6/pdata/1/pubna/US06\_PUBCOMB\_seq.\*
- 5: /cn2\_6/pdata/1/pubna/US07\_NEW\_PUB\_seq.\*
- 6: /cn2\_6/pdata/1/pubna/US07\_PUBCOMB\_seq.\*
- 7: /cn2\_6/pdata/1/pubna/US08\_NEW\_PUB\_seq.\*
- 8: /cn2\_6/pdata/1/pubna/US08\_PUBCOMB\_seq.\*
- 9: /cn2\_6/pdata/1/pubna/US09\_NEW\_PUB\_seq.\*
- 10: /cn2\_6/pdata/1/pubna/US09\_PUBCOMB\_seq.\*
- 11: /cn2\_6/pdata/1/pubna/US10\_NEW\_PUB\_seq.\*
- 12: /cn2\_6/pdata/1/pubna/US10\_PUBCOMB\_seq.\*
- 13: /cn2\_6/pdata/1/pubna/US60\_NEW\_PUB\_seq.\*
- 14: /cn2\_6/pdata/1/pubna/US60\_PUBCOMB\_seq.\*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Query			DB	ID	Description
	Score	Match	Length			
1	1152	51.6	143068	10	US-09-967-768A-316	Sequence 316, Appl
2	890	39.9	1083	10	US-09-131-827A-1	Sequence 1, Appl
3	839	37.6	1083	10	US-09-131-827A-19	Sequence 19, Appl
4	65	2.9	792	10	US-09-938-719-1	Sequence 1, Appl
5	65	2.9	792	10	US-09-938-225-1	Sequence 1, Appl
6	65	2.9	792	10	US-09-938-703-1	Sequence 1, Appl
7	65	2.9	1056	10	US-09-779-879A-21	Sequence 21, Appl
8	65	2.9	1056	10	US-09-779-880A-21	Sequence 21, Appl
9	65	2.9	1225	10	US-09-813-653-14	Sequence 14, Appl
10	65	2.9	1225	10	US-09-813-653-16	Sequence 16, Appl
11	65	2.9	1376	9	US-10-086-814-2	Sequence 2, Appl
12	65	2.9	1376	10	US-09-796-202-2	Sequence 2, Appl
13	65	2.9	1414	9	US-10-232-686-1	Sequence 1, Appl
14	65	2.9	1414	10	US-09-725-285-1	Sequence 1, Appl
15	65	2.9	1414	10	US-09-779-879A-1	Sequence 1, Appl
16	65	2.9	1414	10	US-09-779-880A-1	Sequence 1, Appl
17	65	2.9	1414	10	US-09-195-662A-1	Sequence 1, Appl
18	65	2.9	1414	10	US-09-339-912A-1	Sequence 1, Appl
19	65	2.9	1414	10	US-09-502-783A-1	Sequence 1, Appl

Sequence 3, Appl  
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Sequence 2, Appl  
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Sequence 51, Appl  
Sequence 12, Appl  
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Sequence 12, Appl  
Sequence 3, Appl  
Sequence 3, Appl  
Sequence 52, Appl  
Sequence 54, Appl  
Sequence 14, Appl  
Sequence 3, Appl  
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Sequence 1, Appl  
Sequence 5, Appl  
Sequence 14, Appl  
Sequence 8197, Appl

## ALIGNMENTS

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1
US-09-967-768A-316
; Sequence 316, Application US/09967768A
; Patent No. US20020150877A1
; GENERAL INFORMATION:
; APPLICANT: Augustus, Meena
; TITLE OF INVENTION: Cancer Gene Determinants
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689230-72
; CURRENT APPLICATION NUMBER: US/09/967,768A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US/60/236,109
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,034
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,111
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 325
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 316
; LENGTH: 143068
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-967-768A-316

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	Query Match	51.68;	Score 1152;	DB 10;	Length 143068;
	Best Local Similarity	99.8%;	Pred. No. 0;		
	Matches 1252;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0
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Db	48373	CGTGGAAAGGAAAGTCAATTGGCAGAGCCCTTGAAGCCACTCTTCAGGACAAAGAAGGA	48432		
	1159	GCCTACGACACAAAGTACAGATCTCTCTTTGGAAATTCACACCTCTGGCTTCACAGATG	1218		

Db 48433 GCTAGAGACAGAAATGACAGATCTCTGCTTGGAAATACACACGCTCTGGCTTACAGATG 48492  
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Db 48493 TGTGATTACAGTGTGAATCTTGGTGTCTAGCTTACAGCAGCAAGCGTGTAGAGAGAG 48552  
QY 1279 AGACTCCAGCTGGTGTGGAAGACAGATATTTCCAACTACTCTCCAGTCTCTCATTTTGG 1338  
Db 48553 AGACTCCAGCTGGTGTGGAAGACAGATATTTCCAACTACTCTCCAGTCTCTCATTTTGG 48612  
QY 1339 AATACAGGATAGCTTCAGACTTTTAAATAGTAAATATAAATTAAGCTGAAAC 1398  
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QY 1399 TCCAACTTGAATGTGTAAGAGTAGTTTTCAGTGTCTATCATGTCACACGCTGAAAT 1458  
Db 48673 TCCAACTTGAATGTGTAAGAGTAGTTTTCAGTGTCTATCATGTCACACGCTGAAAT 48732  
QY 1459 GCTGTATTAGTCACAGAGATAATCTTAGCTTTGAGCTTAAGAAATTTGACAGGTGGTAT 1518  
Db 48733 GCTGTATTAGTCACAGAGATAATCTTAGCTTTGAGCTTAAGAAATTTGACAGGTGGTAT 48792  
QY 1519 GTTGGGAGACTGCTGAGTCAACCAATAGTTGTTGATTGGCAGAGAGTTGGAAGTGTG 1578  
Db 48793 GTTGGGAGACTGCTGAGTCAACCAATAGTTGTTGATTGGCAGAGAGTTGGAAGTGTG 48852  
QY 1579 ATCTGTGGCAGATATGACATATGTCAGCAGCATCTAAGTAAATGATGCTGTTGAATCA 1638  
Db 48853 ATCTGTGGCAGATATGACATATGTCAGCAGCATCTAAGTAAATGATGCTGTTGAATCA 48912  
QY 1639 CAGTATACGCTCCATCGCTGTCATCTCAGCTGGATCTCCATCTCPCAGGCTGCTGCCA 1698  
Db 48913 CAGTATACGCTCCATCGCTGTCATCTCAGCTGGATCTCCATCTCPCAGGCTGCTGCCA 48972  
QY 1699 AAAGCCTTTGTTGTTTGTATCATATGAAAGTATGCTGTTTAAATCAATCGAGT 1758  
Db 48973 AAAGCCTTTGTTGTTTGTATCATATGAAAGTATGCTGTTTAAATCAATCGAGT 49032  
QY 1759 GTTTCAGTGTCTCGAGATGCTTGTGATGCTCATATGTTCCCTAATTTGCCAGTGGAA 1818  
Db 49033 GTTTCAGTGTCTCGAGATGCTTGTGATGCTCATATGTTCCCTAATTTGCCAGTGGAA 49092  
QY 1819 CTCCTAAATCAATTTGGCTTCTAATCAAGCTTTTAAACCTTATTTGGTAAAGATGGAAG 1878  
Db 49093 CTCCTAAATCAATTTGGCTTCTAATCAAGCTTTTAAACCTTATTTGGTAAAGATGGAAG 49152  
QY 1879 GTGAGAGCTCCCTGAAGTAAGCAAGACTTTCTCTTAGTCGAGCAAGTTAAGAATG 1938  
Db 49153 GTGAGAGCTCCCTGAAGTAAGCAAGACTTTCTCTTAGTCGAGCAAGTTAAGAATG 49212  
QY 1939 TTCTTATGTTGCCAGTGTGTTCTGATCTGATGCAAGCAAGAACTGGGCTTCTAGA 1998  
Db 49213 TTCTTATGTTGCCAGTGTGTTCTGATCTGATGCAAGCAAGAACTGGGCTTCTAGA 49272  
QY 1999 ACCAGGCAACTTGGGAATAGACTCCCAAGCTGACATATGCTTACTTTCAGGCCACAT 2058  
Db 49273 ACCAGGCAACTTGGGAATAGACTCCCAAGCTGACATATGCTTACTTTCAGGCCACAT 49332  
QY 2059 GGCTAAGAGAGTTTCAAGAAAGTGGGACAGAGAGACTTTCACCTTCATATATTT 2118  
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QY 2119 GTATGATCTTAATGAATGATATAAATCTTAAGTTGATGGTCAATGAATGTAATCTGTT 2178  
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QY 2179 TTTTAACTATGATTGGAAAAATAATCAATGCTATAACTATGTTGATATAAG 2232  
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RESULT 2

US-09-131-827A-1  
; Sequence 1, Application US/09131827A  
; Patent No. US20020038469A1  
; GENERAL INFORMATION:  
; APPLICANT: Dean, Michael  
; APPLICANT: O'Brien, Stephen J.  
; APPLICANT: Smith, Michael  
; APPLICANT: Carrington, Mary  
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A  
; FILE REFERENCE: 14014.0333  
; CURRENT APPLICATION NUMBER: US/09/131,827A  
; CURRENT FILING DATE: 1998-08-10  
; PRIOR APPLICATION NUMBER: 60/055,659  
; PRIOR FILING DATE: 1997-08-14  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 1083  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)...(1080)  
US-09-131-827A-1

Query Match 39.9%; Score 890; DB 10; Length 1083;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 940; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 40 ATGCTGTCCACATCTCGTTCTCGGTTTATCAGAAATACCAAGAGAGCGGTGAAGAGTC 99  
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QY 160 GGGGCCCAACTCTCGCTCCGCTCTACTCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 219  
Db 121 GGGGCCCAACTCTCGCTCCGCTCTACTCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 180  
QY 220 ATGCTGTCTGCTCTCATCTTTAATAAAGCTGCAAAAGCTGCAAAAGCTGCAAAAGCTGCA 279  
Db 181 ATGCTGTCTGCTCTCATCTTTAATAAAGCTGCAAAAGCTGCAAAAGCTGCAAAAGCTGCA 240  
QY 280 CTGCTCAACCTGCGCATCTCTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 339  
Db 241 CTGCTCAACCTGCGCATCTCTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300  
QY 340 TCTGCTGCAAAATGAGTGGGCTTTTGGGAATGCAATGCAATGCAATGCAATGCAATGCAAT 399  
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QY 400 CACATCGGTTATTTGGCGGAATCTTCTTTCATCATCTCTCTGCAATCGATGATACCTG 459  
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QY 460 GCTATTGTCCATGCTGCTGCTTAAAGCCAGGACGCTGCTGCTGCTGCTGCTGCTGCTGCT 519  
Db 421 GCTATTGTCCATGCTGCTGCTTAAAGCCAGGACGCTGCTGCTGCTGCTGCTGCTGCTGCT 480  
QY 520 AGTGTGATCACCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 579  
Db 481 AGTGTGATCACCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 540  
QY 580 TCCAGAAAGAGATCTGTTTATGCTGTGGCCCTTATTTTCCAGAGGATGAATAT 639  
Db 541 TCCAGAAAGAGATCTGTTTATGCTGTGGCCCTTATTTTCCAGAGGATGAATAT 600  
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QY 700 TGCTACTCGGGAATCTTGGGGAATCTTCTTCATCATCTCTCACAATCGATAGATACCTG 459  
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QY 460 GCTATGTCATCTCTTGGGGAATCTTCTTCATCATCTCTCACAATCGATAGATACCTG 519  
Db 421 GCTATGTCATCTCTTGGGGAATCTTCTTCATCATCTCTCACAATCGATAGATACCTG 480  
QY 520 AGTGTGATCATCTCTTGGGGAATCTTCTTCATCATCTCTCACAATCGATAGATACCTG 579  
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QY 580 TCCGAGAAGAAGATCTTGGGGAATCTTCTTCATCATCTCTCACAATCGATAGATACCTG 639  
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QY 700 TGCTACTCGGGAATCTTGGGGAATCTTCTTCATCATCTCTCACAATCGATAGATACCTG 759  
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## RESULT 3

US-09-131-827A-19  
; Sequence 19, Application US/09131827A  
; Patent No. US20020038469A1  
; GENERAL INFORMATION:  
; APPLICANT: Dean, Michael  
; APPLICANT: O'Brien, Stephen J.  
; APPLICANT: Smith, Michael  
; APPLICANT: Carrington, Mary  
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A  
; FILE REFERENCE: 14014.0333  
; CURRENT APPLICATION NUMBER: US/09/131.827A  
; CURRENT FILING DATE: 1998-08-10  
; PRIOR APPLICATION NUMBER: 60/055,659  
; PRIOR FILING DATE: 1997-08-14  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 19  
; LENGTH: 1083  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-131-827A-19

Query Match 37.6%; Score 839; DB 10; Length 1083;  
Best Local Similarity 99.8%; Pred. No. 0;  
Matches 939; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 40 ATGCTGTCCACATCTCTGTTCTCGGTTATCAGAAATACCAACGAGCGGTGAAGATC 99  
Db 1 ATGCTGTCCACATCTCTGTTCTCGGTTATCAGAAATACCAACGAGCGGTGAAGATC 60  
QY 100 ACCACCTTTTTCATGATGATTACGGTGTCTCCCTGTCATATAATTTGACGTGAAGCAAT 159  
Db 61 ACCACCTTTTTCATGATGATTACGGTGTCTCCCTGTCATATAATTTGACGTGAAGCAAT 120  
QY 160 GGGGCCCAACTCTCGCTCCGCTCTACTCGCTGGTGTCTATCTTTGTTTGGGCAAC 219  
Db 121 GGGGCCCAACTCTCGCTCCGCTCTACTCGCTGGTGTCTATCTTTGTTTGGGCAAC 180  
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Db 181 ATGCTGTCTCTCTCATCTTAATAAAGTCAAAAGTCAAGTCTTGACTGACATTTAC 240  
QY 280 CTGCTCAACTGGCCATCTCTGATCTCTTTTCTTATTACTCTCCCATTTGTTGGGCTAC 339  
Db 241 CTGCTCAACTGGCCATCTCTGATCTCTTTTCTTATTACTCTCCCATTTGTTGGGCTAC 300  
QY 340 TCTGCTGCAATGATGGGCTTTTGGGAATGCAATGTGCAATTTATTCACAGGCGCTGAT 399  
Db 301 TCTGCTGCAATGATGGGCTTTTGGGAATGCAATGTGCAATTTATTCACAGGCGCTGAT 360

## RESULT 4

US-09-938-719-1  
; Sequence 1, Application US/09938719  
; Patent No. US20020106742A1

## GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL  
PARMENTIER, MARC  
VASSART, GILBERT  
LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR

AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

## NUMBER OF SEQUENCES: 17

## CORRESPONDENCE ADDRESSES:

ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive 16th Floor  
City: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938,719  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939  
FILING DATE: 27-JULY-2000

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;
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 792 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-938-719-1
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Best Local Similarity 100.0%; DB 10; Length 792;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGCTTGGGGTGGTGACAAGTGTG 525
QY 526 ATCAC 530
DB 690 ATCAC 694
RESULT 5
US-09-939-226-1
; Sequence 1, Application US/09939226
; Patent No. US20020110805A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION NUMBER: US/09/939,226
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 792 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-939-226-1
Query Match
Best Local Similarity 100.0%; DB 10; Length 792;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGCTTGGGGTGGTGACAAGTGTG 525
DB 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGCTTGGGGTGGTGACAAGTGTG 525
QY 526 ATCAC 530
DB 690 ATCAC 694

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;
; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-939-226-1
Query Match
Best Local Similarity 100.0%; DB 10; Length 792;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGCTTGGGGTGGTGACAAGTGTG 525
DB 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGCTTGGGGTGGTGACAAGTGTG 525
QY 526 ATCAC 530
DB 690 ATCAC 694
RESULT 6
US-09-938-703-1
; Sequence 1, Application US/09938703
; Patent No. US20020110870A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION NUMBER: US/09/938,703
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 792 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 240..791
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-938-703-1
Query Match
Best Local Similarity 100.0%; DB 10; Length 792;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGCTTGGGGTGGTGACAAGTGTG 525
DB 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGCTTGGGGTGGTGACAAGTGTG 525

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QY 526 ATCAC 530  
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Db 690 ATCAC 694

## RESULT 7

US-09-779-879A-21  
; Sequence 21, Application US/09779879A  
; Patent No. US20020048786A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10  
; FILE REFERENCE: 1488.115000A  
; CURRENT APPLICATION NUMBER: US/09/779,879A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; PRIOR FILING DATE: 2000-09-22  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 21  
; LENGTH: 1056  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(1056)  
US-09-779-879A-21

Query Match 2.9%; Score 65; DB 10; Length 1056;  
Best Local Similarity 100.0%; Pred. No. 3e-24; Indels 0; Gaps 0;  
Matches 65; Conservative 0; Mismatches 0;

QY 466 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 525  
|||||  
Db 391 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 450

QY 526 ATCAC 530  
|||||  
Db 451 ATCAC 455

## RESULT 8

US-09-779-880A-21  
; Sequence 21, Application US/09779880A  
; Patent No. US20020061834A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10  
; FILE REFERENCE: 1488.115000C  
; CURRENT APPLICATION NUMBER: US/09/779,880A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; PRIOR FILING DATE: 2000-09-22  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 21  
; LENGTH: 1056  
; TYPE: DNA

; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(1056)  
US-09-779-880A-21

Query Match 2.9%; Score 65; DB 10; Length 1056;  
Best Local Similarity 100.0%; Pred. No. 3e-24; Indels 0; Gaps 0;  
Matches 65; Conservative 0; Mismatches 0;

QY 466 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 525  
|||||  
Db 391 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 450

QY 526 ATCAC 530  
|||||  
Db 451 ATCAC 455

## RESULT 9

US-09-813-653-14  
; Sequence 14, Application US/09813653  
; Patent No. US20020064770A1  
; GENERAL INFORMATION:  
; APPLICANT: Nestor, John  
; APPLICANT: Wilson, Carol  
; APPLICANT: See, Raymond  
; APPLICANT: Tan Hehir, Christina  
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds  
; FILE REFERENCE: CNS-005  
; CURRENT APPLICATION NUMBER: US/09/813,653  
; CURRENT FILING DATE: 2001-03-20  
; PRIOR APPLICATION NUMBER: US 60/190,946  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: US 60/190,996  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: US 60/191,299  
; PRIOR FILING DATE: 2000-03-21  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 14  
; LENGTH: 1225  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (27)..(1085)  
US-09-813-653-14

Query Match 2.9%; Score 65; DB 10; Length 1225;  
Best Local Similarity 100.0%; Pred. No. 3.1e-24; Indels 0; Gaps 0;  
Matches 65; Conservative 0; Mismatches 0;

QY 466 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 525  
|||||  
Db 417 GTCCATGCTGTTGCTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGACAAGTGTG 476

QY 526 ATCAC 530  
|||||  
Db 477 ATCAC 481

## RESULT 10

US-09-813-653-16  
; Sequence 16, Application US/09813653  
; Patent No. US20020064770A1  
; GENERAL INFORMATION:  
; APPLICANT: Nestor, John  
; APPLICANT: Wilson, Carol  
; APPLICANT: See, Raymond  
; APPLICANT: Tan Hehir, Christina  
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds  
; FILE REFERENCE: CNS-005

; CURRENT APPLICATION NUMBER: US/09/813,653  
; CURRENT FILING DATE: 2001-03-20  
; PRIOR APPLICATION NUMBER: US 60/190,946  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: US 60/190,996  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: US 60/191,299  
; PRIOR FILING DATE: 2000-03-21  
; SOFTWARE: PatentIn version 3.0  
; NUMBER OF SEQ ID NOS: 44  
; SEQ ID NO 16  
; LENGTH: 1225  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (27)..(1085)  
US-09-813-653-16

Query Match 2.9%; Score 65; DB 10; Length 1225;  
Best Local Similarity 100.0%; Pred. No. 3.1e-24;  
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525  
Db 417 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 476  
QY 526 ATCAC 530  
Db 477 ATCAC 481

RESULT 11  
US-10-086-814-2  
; Sequence 2, Application US/10086814  
; Publication No. US20030092632A1  
; GENERAL INFORMATION:  
; APPLICANT: Dragic, Tatjana  
; APPLICANT: Olson, William C.  
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION  
; FILE REFERENCE: 61010-AB-1  
; CURRENT APPLICATION NUMBER: US/10/086,814  
; CURRENT FILING DATE: 2002-02-28  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 1376  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-086-814-2

Query Match 2.9%; Score 65; DB 9; Length 1376;  
Best Local Similarity 100.0%; Pred. No. 3.1e-24;  
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525  
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 689  
QY 526 ATCAC 530  
Db 690 ATCAC 694

RESULT 12  
US-09-796-202-2  
; Sequence 2, Application US/09796202  
; Patent No. US20020068813A1  
; GENERAL INFORMATION:  
; APPLICANT: Dragic, Tatjana  
; APPLICANT: Olson, William  
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION  
; FILE REFERENCE: 2048/61010/JPM/SHS

; CURRENT APPLICATION NUMBER: US/09/796,202  
; CURRENT FILING DATE: 2001-02-28  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 1376  
; TYPE: DNA  
; ORGANISM: human  
US-09-796-202-2

Query Match 2.9%; Score 65; DB 10; Length 1376;  
Best Local Similarity 100.0%; Pred. No. 3.1e-24;  
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525  
Db 630 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 689  
QY 526 ATCAC 530  
Db 690 ATCAC 694

RESULT 13  
US-10-232-686-1  
; Sequence 1, Application US/10232686  
; Publication No. US20030023044A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven M.  
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor (CCR5) HDGMR10  
; FILE REFERENCE: 1488.115000N  
; CURRENT APPLICATION NUMBER: US/10/232,686  
; CURRENT FILING DATE: 2002-09-03  
; PRIOR APPLICATION NUMBER: 09/339,912  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 1414  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (259)..(1314)  
US-10-232-686-1

Query Match 2.9%; Score 65; DB 9; Length 1414;  
Best Local Similarity 100.0%; Pred. No. 3.1e-24;  
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 466 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525  
Db 649 GTCCATGCTGTGTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 708  
QY 526 ATCAC 530  
Db 709 ATCAC 713

RESULT 14  
US-09-725-285-1  
; Sequence 1, Application US/09725285  
; Patent No. US20010000241A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Antihodies to Human G-Protein Chemokine Receptor HDGMR10  
; FILE REFERENCE: (CCR5 Receptor)

Db 709 ATCAC 713  
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Search completed: June 1, 2003, 22:56:12  
Job time : 439 secs

FILE REFERENCE: 1488.1150003  
CURRENT APPLICATION NUMBER: US/09/725,285  
CURRENT FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: 09/339,912  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/195,662  
PRIOR FILING DATE: 1998-11-18  
PRIOR APPLICATION NUMBER: 08/466,343  
PRIOR FILING DATE: 1995-06-06  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1  
LENGTH: 1414  
TYPE: DNA  
ORGANISM: Artificial Sequence: Genomic  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (259)..(1314)  
OTHER INFORMATION: Description of Artificial Sequence: Genomic  
US-09-725-285-1

Query Match 2.9%; Score 65; DB 10; Length 1414;  
Best Local Similarity 100.0%; Pred. No. 3.le-24;  
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 466 GTCCATGCTGTGTTTAAAGCCAGGACGGTTCACCTTTGGGGTGGTGACAAAGTGTG 525  
|||||  
Db 649 GTCCATGCTGTGTTTAAAGCCAGGACGGTTCACCTTTGGGGTGGTGACAAAGTGTG 708  
QY 526 ATCAC 530  
|||||  
Db 709 ATCAC 713

RESULT 15  
US-09-779-879A-1  
Sequence 1, Application US/09779879A  
Patent No. US20020048786A1  
GENERAL INFORMATION:  
APPLICANT: Rosen, Craig A.  
APPLICANT: Roschke, Viktor  
APPLICANT: Li, Yi  
APPLICANT: Ruben, Steven, M.  
TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10  
FILE REFERENCE: 1488.115000A  
CURRENT APPLICATION NUMBER: US/09/779,879A  
CURRENT FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: US 60/181,258  
PRIOR FILING DATE: 2000-02-09  
PRIOR APPLICATION NUMBER: US 60/187,999  
PRIOR FILING DATE: 2000-03-09  
PRIOR APPLICATION NUMBER: US 60/234,336  
PRIOR FILING DATE: 2000-09-22  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1  
LENGTH: 1414  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (259)..(1314)  
US-09-779-879A-1

Query Match 2.9%; Score 65; DB 10; Length 1414;  
Best Local Similarity 100.0%; Pred. No. 3.le-24;  
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 466 GTCCATGCTGTGTTTAAAGCCAGGACGGTTCACCTTTGGGGTGGTGACAAAGTGTG 525  
|||||  
Db 649 GTCCATGCTGTGTTTAAAGCCAGGACGGTTCACCTTTGGGGTGGTGACAAAGTGTG 708  
QY 526 ATCAC 530

